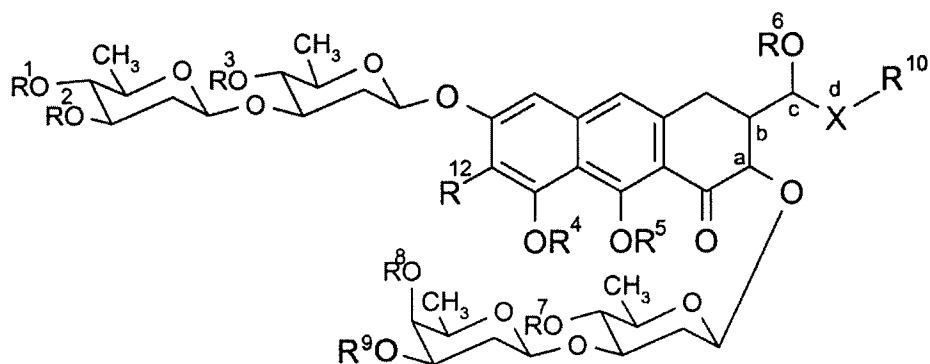


AMENDMENT TO THE CLAIMS

A listing of the claims presented in this patent application appears below. This listing replaces all prior versions and listing of claims in this patent application.

Claim 1 (original): A compound having the following formula:



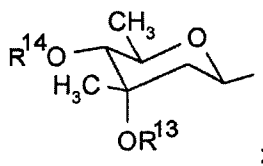
wherein

R¹, R², R³, R⁴, R⁵, R⁶, R⁷ and R⁸ are each, independently, hydrogen or a protecting group;

X is C=O or CH(OR¹¹), wherein R¹¹ is hydrogen or a protecting group;

R¹⁰ is OH when X is C=O or C(O)CH₃ when X is CH(OR¹¹);

R⁹ is hydrogen, a protecting group or



R¹² is methyl or hydrogen; and

the stereochemistry at carbons a, b and c is R, S or mixtures thereof, and when X is CH(OR¹¹), the stereochemistry of d is R or S.

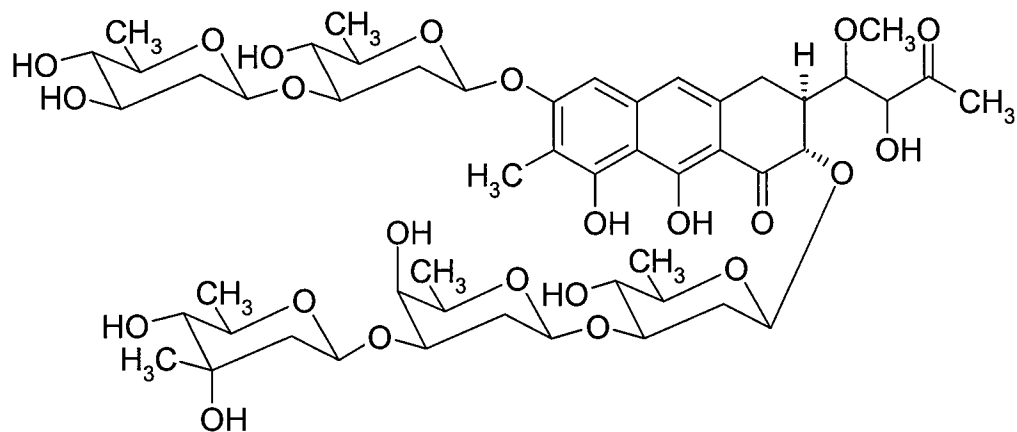
Claim 2 (original): The compound of claim 1, wherein the protecting group comprises an alkyl group, a cycloalkyl group, a heterocycloalkyl group, a hydroxyalkyl group, a halogenated alkyl group, an alkoxyalkyl group, an alkenyl group, an alkynyl group, an aryl group, a heteroaryl group, an aralkyl group, an ester, a carbonate group, a carboxylic acid, an aldehyde, a keto group, an ether group, a urethane group, a silyl group, a sulfo-oxo group, or a combination thereof.

Claim 3 (original): The compound of claim 1, wherein when R¹¹ is a protecting group, the protecting group is an alkyl group selected from the group consisting of methyl, ethyl, propyl, isopropyl, butyl, isobutyl and pentyl.

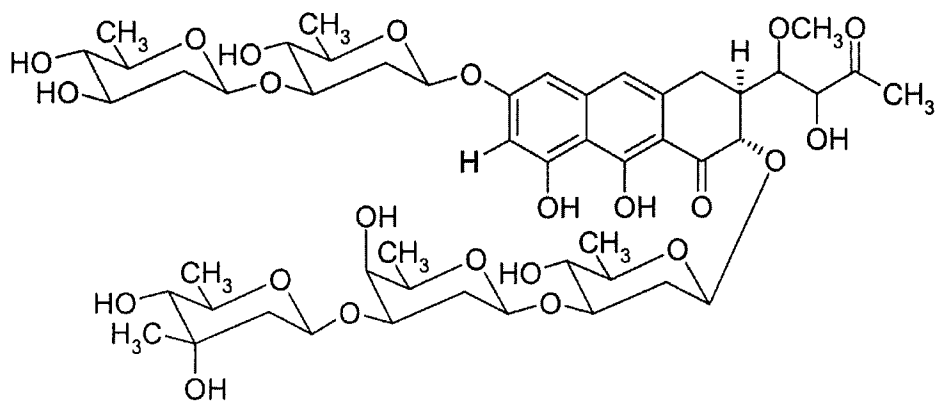
Claim 4 (original): The compound of claim 1, wherein the stereochemistry at carbons a, b and c is S, and the stereochemistry at d when X is CH(OH) is R.

Claim 5 (original): The compound of claim 1, wherein R¹, R², R³, R⁴, R⁵, R⁷, R⁸, R⁹, R¹¹ are hydrogen; R¹³ and R¹⁴ are methyl; the stereochemistry at carbons a, b, and c is S; and the stereochemistry at d when X is CH(OH) is either R or S.

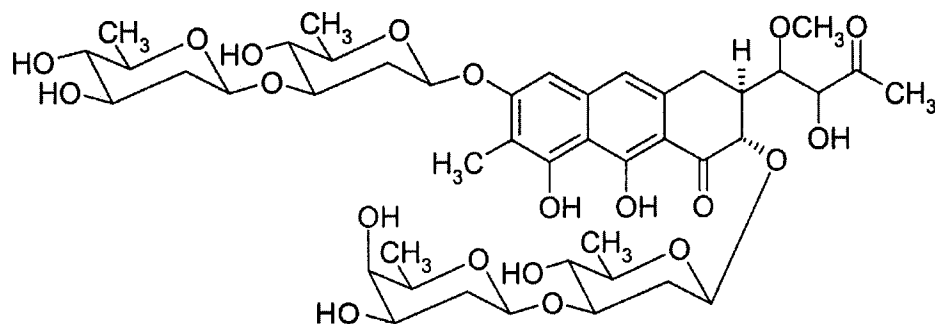
Claim 6 (original): The compound of claim 1 having the following formula:



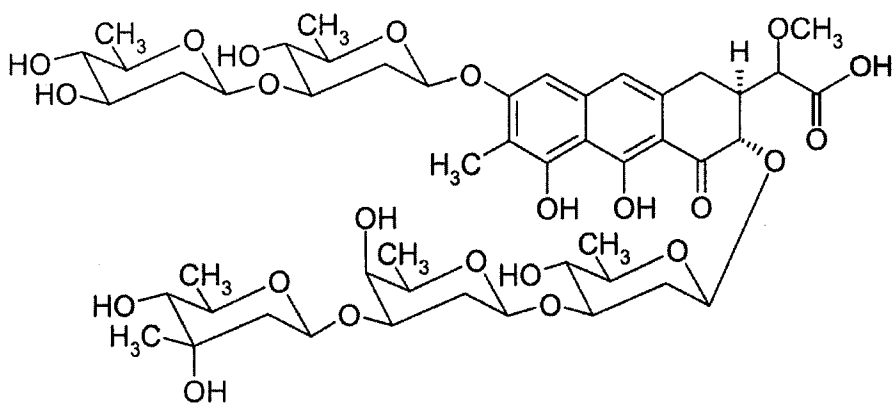
Claim 7 (original): The compound of claim 1 having the following formula:



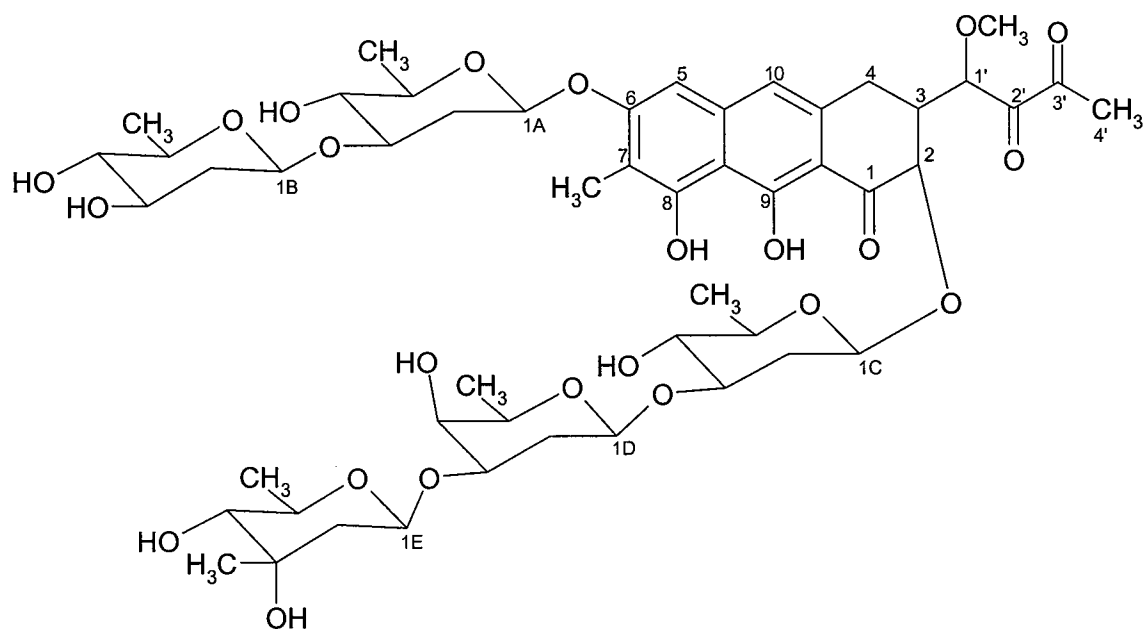
Claim 8 (original): The compound of claim 1 having the following formula:



Claim 9 (original): The compound of claim 1 having the following formula:



Claim 10 (original): The compound of claim 1 having the following formula:



Claims 11-49 (canceled).